EndreMark**Borza**

endremborza@gmail.com - https://endremborza.github.io/

education

| 2016–2018 | **Central European University** | *Thesis:* Scalable Local Market Analysis of Hotels |
| | MA in Economics | |

2012–2018 Rajk College for Advanced Studies
Courses in: Machine Learning, Auction Theory, Network Science, Data Parsing, Business Theory, Cooperation Theory, Game Theory, Behavioral Economics, Sports Management, Cognitive Psychology, Gender Studies, etc.

| 2011–2016 | **Eötvös Loránd University** | *Thesis:* Generalization of Matching Mechanisms |
| | BA in Economics | |

BSc in Informatics - specialization in modeling ('14-'16, did not graduate)

work experience

2021– Data Team Lead — sscub - Centre for Economic and Regional Studies
Data intensive research software development

2021– Junior Research Fellow — ANET-lab - Centre for Economic and Regional Studies
Scientific data engineering and interpretable machine learning projects

2018–2021 Data Scientist — Lidl Stiftung & Co. Center of Excellence
Developing scalable and generalizable machine learning products for demand prediction, delivery optimization and performance evaluation

2020–2022 Research Assistant — Bocconi University & CEU
Large scale unstructured data collection, transformation & network analysis
`https://endremborza.github.io/football-data-research/`

2015– Course Instructor — Rajk College for Advanced Studies
Applied Algorithm Design for Data Applications (3 semesters), Programming and Algorithm Design (6 semesters), Statistical Methods for Causal Inference (1 semester), Introduction to Formal Logic

2017–2018 Data Analysis Use Case Construction — Central European University
For the book "Data Analysis for Business, Economics, and Policy" by Gábor Békés (CEU) and Gábor Kézdi (U. Michigan) - Cambridge University Press

papers

2018 Network Nature and Structure of Interactions with Facebook Events
Market Structure in Network Industries - with Gábor Horváth

2018 Influence Channels in a Network of Expert Opinion Formation
Analysis of Complex Networks - Student Conference Paper

2016 Disjoint Sets Problem
BA Thesis, Matching mechanisms generalized to grouping

2016 Putative Value Based Hierarchy of the Educational System's Elite
`http://dx.doi.org/10.22503/inftars.XVI.2016.2.6`
Awarded Rajk's Creative Prize

awards & honours

2018 Heller Farkas Award — Rajk College
Outstanding academic achievement in graduating class

2014 Concorde Scholarship — Polányi Foundation
For outstanding individual work

2013 Mathematical Economics Competition - 1st place — Corvinus University
Economic Analysts and Mathematicians Student Association

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open source

contributions
pandas, dask, pandas-profiling
projects
bigo estimation ☊
data management tools ☊, ☊,
python-boilerplate ☊

skills

software
python data/ML stack, ci/cd, distributed computing
soft
public speaking, leadership, pedagogy

interests

football, film, chess, semantic web